

(8) Evidence Relied Upon

Claims 22, 25-27, and 29-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ueda (JP 61164109) in view of Perry (UD 6,813,973).

Ueda et al disclose a vibration isolation system for reducing vibrations in a rotating system rotatable about an axis of rotation, comprising: a multiple of masses (21a, 21b) disposed about an axis of rotation of a rotating system (see Fig 6); a drive system to independently spin each of said multiple of masses about said axis of rotation at an angular velocity (pg 12 lines 3-6); and a control system in communication with said drive system to control the angular velocity of each of said multiple of masses to reduce vibrations generated by of the rotating system (pg 5 lines 1-8).

Ueda does not disclose the multiple of masses radially offset from said axis of rotation from the axis of rotation.

Perry teaches the use of a multiple of masses (38, 52) radially offset from said axis of rotation from the axis of rotation (35).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Ueda to include the rotatable masses as taught by Perry in order to increase the adjustability of the balance.